

LUBING

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SYSTEM SOLUTIONS WORLDWIDE





STATE-OF-THE-ART DRINKING-, CONVEYOR- AND CLIMATE-SYSTEMS FROM BARNSTORF

LUBING Maschinenfabrik has been operating from its headquarters in Barnstorf since 1949. With international subsidiaries and representatives, a globally operating company network has been established since then – LUBING is thus available to customers on all 5 continents. With innovative products in worldwide proven top quality, LUBING is the international market leader in the field of Drinking-, Conveyor- and Climate-Systems. Our systems are complete solutions for all modern requirements in animal husbandry, but at the same time they are so modular that they can be individually adapted to customer requirements.

DEVELOPMENT AND PRODUCTION

LUBING researches and develops in its own research center – completely rebuilt in 2013 and expanded to 650 m² – using the latest technologies. Planning and implementation from the idea to the product is carried out on modern 3D CAD systems. At the Barnstorf site, all versions of the entire product range are manufactured on a company site of 70,800 m² in fifteen halls with an area of around 16,500 m². For this purpose, production is partly carried out in 3-shift operation with state-of-the-art production equipment.

The particularly high quality demands of LUBING require a more than careful quality inspection. At the site itself, up to 100% of the components are inspected, some manually and some fully automatically.

With a capacity of over 200 employees, we offer individually optimized solutions.

THE BUSINESS AREAS OF THE COMPANY

Drinking-Systems for poultry, pigs, rabbits and cattle

Conveyor-Systems for egg transport

Climate-Systems for climate control and dust control in barns and greenhouses

Waste air purification for pigsties

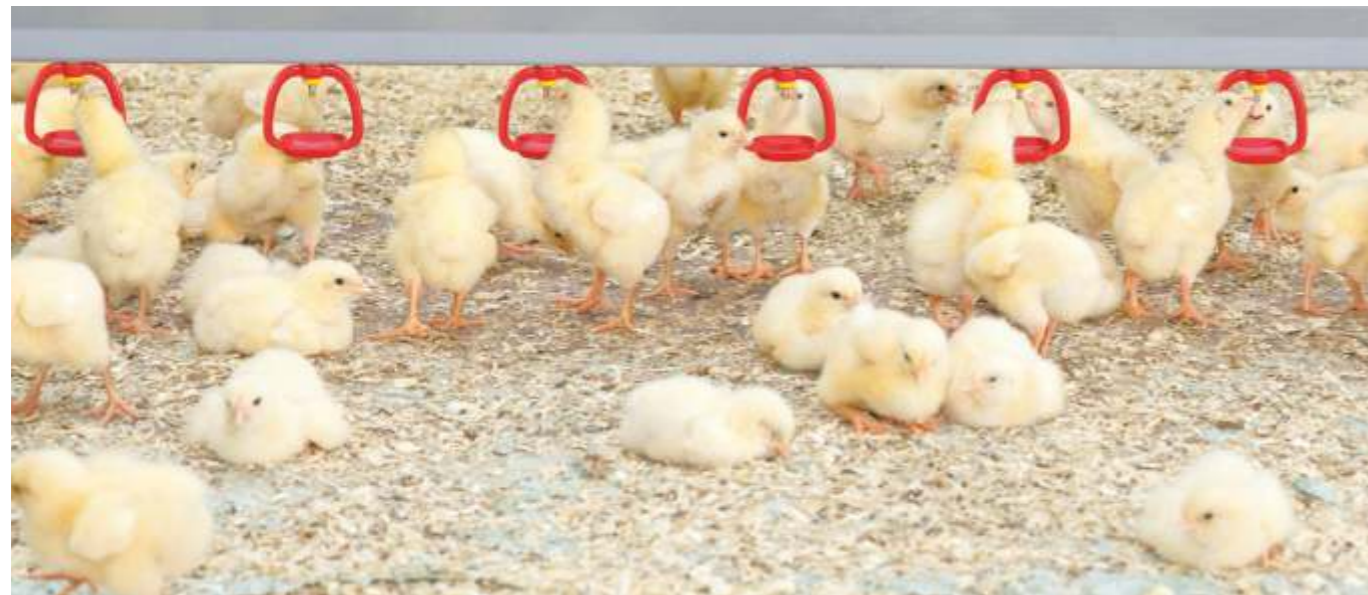
LUBING is constantly and steadily expanding. Stable economic development, consistent and continuous further development of all products and an uncompromising quality philosophy from production to service are the foundations of our success.



The headquarters in Lubingstraße in Barnstorf.



Technology in perfection.



OPTIMAL FOR CONTINUOUS USE: DRINKING-SYSTEMS FROM LUBING

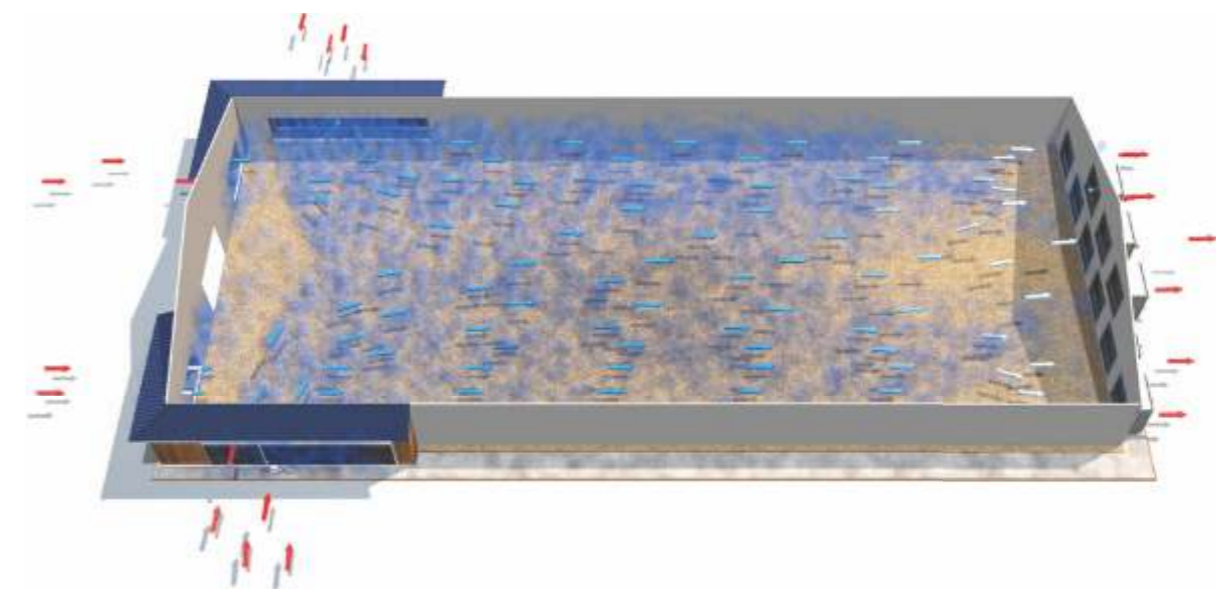
LUBING has been producing drinking nipples for agricultural animal husbandry since 55 years.

The immense experience gained during this period has benefited the development of complete systems for animal husbandry.

Over the decades, the systems themselves have been adapted to the requirements of modern livestock requirements of modern animal husbandry and optimal handling: Each Drinking-System can be tailor-made to the individual requirements of the barn and the stock.

TODAY LUBING DEVELOPS AND PRODUCES DRINKING SYSTEMS FOR

- » Chick rearing in cage or floor systems
- » Laying hens and parent stock in cage, aviary or floor management
- » Broiler fattening
- » Turkey rearing and fattening
- » Duck rearing and fattening
- » Pigs
- » Rabbits
- » Cattle



THE RIGHT CLIMATE IN BARN OR GREENHOUSES

The LUBING Top-Climate-System uses the principle of cooling the room air by spraying finely atomized water under high pressure. It works successfully with all ventilation systems; even open houses with low forced ventilation benefit considerably from the system. Especially in the laying hen and broiler sector as well as in rearing, the Top-Climate-System contributes significantly to animal health and activity. Moisture formation is prevented by the extremely fine misting, which takes place under pressures of up to 70 bar. The Top-Klima system is available for both pigs and poultry and has been optimized for their respective requirements.

LUBING Top-Climate-Systems have also proven their worth in the greenhouse sector – especially where fine temperature adjustments are necessary. LUBING Greentec has developed specific system designs for this area.

The LUBING Pad-Climate-System is completely made of plastic. The system is used in areas where indirect cooling is required. It can be used for many different cooling purposes and is especially used in poultry houses.

ADVANTAGES

- » Clean hygienic drinking water through a closed system
- » Patented nipple principle, easy to use by the animal
- » The flow rate of the nipple is adapted to the animal's age and allows optimal supply for all climatic zones and growth stages
- » The stainless steel valve in the nipple is extremely robust and durable
- » The modular principle of the drinkers and the huge selection of accessories makes adaptation to any housing system possible without any problems.



ADVANTAGES

of the climate-systems

- » Regulated increase of air humidity
- » Fast and effective cooling without moisture formation in the house
- » Temperature reduction by up to 10°C depending on humidity
- » Creation of an individual climate suitable for the species

of the Top-Climate-System

- » Dust binding in the stable, positive influence on the respiratory organs of the animals
- » Possibility to use the system for soaking and disinfection of the stable
- » In connection with the LUBING medicine dispenser
- » Spraying of active solutions possible
- » Fully automatic operation of the system possible

of the pad climate system

- » Easy installation thanks to the newly designed clip profiles
- » No corrosion - all parts made of PVC or stainless steel
- » Ideal water distribution over the entire pad length thanks to the newly developed deflector
- » Integrated water tank in the water trough



SAFETY DURING EGG TRANSPORT: CONVEYOR-SYSTEMS FROM LUBING

The worldwide leading position of LUBING Conveyor-Systems is based on the high safety and individual adaptability of the different systems.

Egg transport requires individual solutions, which are dictated by the location and size of the buildings as well as the barn equipment. With over 40 years of experience with the product, LUBING engineers have developed three types of Conveyor-Systems:

LUBING ROD CONVEYOR

The LUBING Rod Conveyor as a stable and extremely robust way of transporting eggs over straight distances

LUBING CURVE CONVEYOR

The LUBING Curve Conveyor as a flexible system that allows curves and radii to be implemented in the smallest of spaces.

LUBING STEEP CONVEYOR

The LUBING Steep Conveyor „Climber“, which effortlessly conveys eggs over gradients of up to 60° and can thus, for example, overcome door crossings and driveways in the smallest of spaces. The LUBING solutions for egg transport are three individually usable systems and are available for all requirements.



WASTE AIR PURIFICATION FOR PIGHOUSES: LUBING CLEANINGCUBES

The LUBING CleaningCubes are a modular two-stage system for the waste air purification of pig houses.

A chemical and a biological stage are connected downstream of the exhaust air systems and provide a fundamental relief of the barn exhaust air.

THE PROCESS

Each exhaust fan is followed by its own ChemCube to wash dust and ammonia from the exhaust air.

This is followed by a wash of plastic pads. The ChemCubes can be operated in pairs with a large pump or supplied individually with a smaller pump.

BioCubes placed downstream provide efficient odor reduction with root growth that is gentle on operating costs. To ensure uniform growth of the biology, all Bio-Cubes are coupled to each other so that the entire root wood wall is always supplied with air.

LUBING CleaningCubes can be used both in new buildings and as a retrofit in existing barns.



➤ ADVANTAGES

- » Highest functional reliability with minimum maintenance requirements
- » Modular principle for easy individual adaptation of all systems for curve guidance, gradients and long distances
- » Conveying widths between 200 and 750 mm
- » Conveying capacities depending on the system from 15,000 eggs/h up to 65,000 eggs/h
- » Extremely robust, durable construction with low maintenance requirements

➤ ADVANTAGES

- » Smallest size possible due to two outlet surfaces.
- » Number of Cubes used can be adapted to the needs of the barn size.
- » Very little blowdown water thanks to chemical stage.
- » Supplied in prefabricated components.
- » Also suitable for partial exhaust air treatment.
- » Optional BioCubes for odor reduction.